

THE URBAN DISTRICT COUNCIL  
OF WORSLEY.

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# ANNUAL REPORT

FOR 1898,

BY

ROBERT SAYERS, M.D.,

*Medical Officer of Health,*

AND

JAMES WILLCOCK,

*Sanitary Inspector.*

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ISSUED BY THE URBAN DISTRICT COUNCIL OF WORSLEY,

*February, 1899.*

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*Annual Report*  
OF THE  
MEDICAL OFFICER OF HEALTH  
FOR THE  
Urban District of Worsley,  
For the Year 1898.

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*To the Chairman and Members of the Worsley Urban  
District Council.*

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GENTLEMEN,

I have the pleasure to lay before you my Fourth Annual Report of the Health and Sanitary condition of your district.

The area of the district is 5,584 acres ; the estimated population at the middle of 1898 is 12,953 ; in 1871 it was 5,911.

The Births registered in the district amounted to 313 (165 males and 148 females), giving a birth rate of 24·17 per 1,000 of the population, compared with 23·96 for 1897.

The deaths numbered 163 (87 males and 76 females), being exactly the same as the previous year. The death rate is 12·59 per 1,000 of the population. The average of the previous five years is 14·5.

*Taken in Districts.*—Walkden, for the first time, heads the list with the lowest rate, namely, 12·13 ; Worsley, up to this year was always first, comes second with 13·14 ; and Boothstown for the third time is at the bottom with 14·1.

Table showing Population, Deaths, Death Rate, Zymotic Death Rate, and Rate of Lung Diseases, other than Phthisis, for the whole district and for each of the three divisions—Worsley, Walkden, and Boothstown—compared with 1897 :

	Population 1891.	Estimated Population Middle of 1898.	Total Deaths 1897.	Total Deaths 1898.	Death Rate 1897.	Death Rate 1898.	Zymotic Rate excluding Diarrhoea.	Lung Diseases other than Phthisis.
Whole district.	11,036	12,953	163	163	12·85	12·59	·4	2·
Walkden .....	7,072	8,490	109	103	13·15	12·13	·3	1·9
Worsley .....	2,685	3,043	33	40	11·	13·14	Nil	1·3
Boothstown ...	1,279	1,420	21	20	14·9	14·1	1·4	3·5

Table showing the ANNUAL DEATH RATES for the years 1891, 1892, 1893, 1894, 1895, 1896, 1897, and 1898, and the AVERAGE ANNUAL DEATH RATE for the five year periods—1871-1875, 1876-1880, 1881-1885, 1886-1890, and 1891-1895—from All Causes, the principal Infectious Diseases notified, Diarrhoea, Phthisis, and Lung Diseases.

	All Causes,	Principal Infectious Diseases Notified.	Diarrhoea.	Phthisis.	Lung Diseases exclusive of Phthisis.
1871-1875 ...	22·7	4·1	1·0	1·8	4·4
1876-1880 ...	21·5	3·9	·8	1·4	5·2
1881-1885 ...	17·7	1·7	·8	1·4	4·2
1886-1890 ...	17·4	1·2	·8	1·2	4·4
1891-1895 ...	16·7	1·7	·7	·8	3·6
1891 ...	21·2	3·3	·3	1·0	4·6
1892 ...	16·2	1·6	·3	·6	3·4
1893 ...	17·6	1·5	·1	1·3	4·1
1894 ...	12·0	·5	·3	·4	2·4
1895 ...	16·7	1·5	1·4	·8	3·4
1896 ...	13·2	1·2	·7	·8	2·4
1897 ...	12·85	1·4	·3	·7	2·8
1898 ...	12·59	·4	·8	·8	2·0

In Walkden 37% of total deaths is of children under 5 years of age, compared with 52% for the previous year. In Worsley, 22·5% to 33% ; In Boothstown, 45% to 33%. 16% of total deaths in Walkden is of persons over 65 years of age ; in Worsley 37%, and Boothstown 24%, for 1897 the percentage was Walkden 13, Worsley 18, and Boothstown 24.



Worsley has the lowest death rate for children under five years of age, and by far the highest for persons over 65 years of age, which is, of course, the ideal for any district to aim at.

Boothstown has the highest rate for children under five, it is also highest for the Zymotic Death Rate and for Lung Diseases other than Phthisis.

In Walkden the most prominent feature is the greatly lessened rate for children under five years, and in common with the other districts, an increase in the rate for persons over 65 years.

The absence of an epidemic of any kind during the year will account for so few children dying, as there was not a single death from Measles, Whooping Cough, Diphtheria, or Croup, and only three from Typhoid Fever, and two from Puerperal Fever.

The Zymotic Death Rate is consequently very low—·4 compared with 1·4 for the previous year—for the whole district : for Walkden ·3, Worsley nil, and Boothstown 1·4.

Diarrhœa at ·8 is higher than last year which was ·3. Although causing a good deal of sickness during the months of August and September, there were very few deaths.

Phthisis ·8 is about the same as last year, and lower than the five years average.

Infantile Mortality—47 children under one year of age died during the year, so that for every 1000 children born 150 died before attaining the age of one year. This is below the County average, which is about 170.

Fifty-three notifications of sickness due to Infectious Diseases were received during the year, compared with 47 in the previous year, 113 in 1896, and 139 in 1895. Three cases were removed to Ladywell Sanatorium, one of which proved fatal.

Scarlet Fever accounted for 21 of the notifications compared with 9 for the previous year. Walkden and Lumber Lane were the chief centres, but it never assumed an epidemic form.

Typhoid Fever—17 notifications, compared with 10 the previous year, and 3 deaths same as 1897. All the cases occurred in Walkden except one in Boothstown. Considering the large amount of sickness due to this disease in the surrounding districts—Leigh and Farnworth Infectious Hospitals were taxed to their utmost capacity, Swinton and Pendlebury also suffered heavily. I think we may congratulate ourselves on over comparative freedom from this very serious Infectious Disease.

Neither Diphtheria or Croup caused any sickness during the year.

The Slaughter-houses and Bake-houses are kept in a fairly good condition.

The arrangement with the Salford Corporation by which six beds are held at our disposal is working well, but in cases of anything of an extensive epidemic occurring, the provision would be much too limited.

I am, Gentlemen,

Yours truly,

R. SAYERS, M.D.

Walkden, 13th February, 1899.



# TABLE A.

*TABLE OF DEATHS during the Year 1898, in the Worsley Urban Sanitary District classified according to Diseases, Ages, and Localities.*

NAMES OF LOCALITIES.	MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.								MORTALITY FROM SUBJOINED CAUSES, DISTINGUISHING DEATHS OF CHILDREN UNDER FIVE YEARS OF AGE.																					
	At all Ages.	Under 1 Year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.		Small-pox.	Scarlatina.	Diphtheria.	Membranous Croup.	FEVERS.					Cholera.	Erysipelas.	Measles.	Whooping Cough.	Diarrhoea & Dysentery.	Rheumatic Fever.	Phthisis.	Bronchitis Pneumonia & Pleurisy.	Heart Disease	Influenza.	Injuries.	All other Diseases.	Total.
													Typhus.	Enteric or Typhoid	Con- tinued	Relap- sing.	Puer- peral.													
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
Walkden ...	103	31	7	3	6	39	17	Under 5 5 upw'ds						2		1				2	8			7	2			1	25	38
																												2	30	65
Worsley ...	40	9	...	1	1	14	15	Under 5 5 upw'ds													2			2	4	5	1		7	9
																												1	19	31
Boothstown ...	20	7	2	...	1	5	5	Under 5 5 upw'ds					1			1					1			2	3	3			6	9
																							1	3	3			2	11	
Totals ...	163	47	9	4	8	58	37	Under 5 5 upw'ds						3		2				2	11			10	4	17	1	38	56	
																												3	51	107

The subjoined numbers have also to be taken into account in judging of the above records of mortality.

[illegible]





# TABLE B.

TABLE OF POPULATION, BIRTHS, and of NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the year 1898, in the Urban Sanitary District of Worsley; classified according to Diseases, Ages, and Localities.

NAMES OF LOCALITIES.	POPULATION AT ALL AGES.		Registered Births.	Aged under 5 or over 5.	NEW CASES OF SICKNESS IN EACH LOCALITY, COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.											NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES FOR TREATMENT IN ISOLATION HOSPITAL.											
	Census, 1891.	Esti- mated to middle of 1898.			Small-pox.	Scarlatina.	Diphtheria.	Membranous Croup.	FEVERS.					Cholera.	Erysipelas.	Small-pox.	Scarlatina.	Diphtheria.	Membranous Croup.	FEVERS.					Cholera.	Erysipelas.	
									Typhus	Enteric or Typhoid.	Con- tinued.	Relaps- ing.	Puer- peral.							Typhus.	Enteric or Typhoid.	Con- tinued.	Relaps- ing.	Puer- peral.			
					1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	
Walkden ...	7072	8490	313	Under 5 5 upw'ds	...	5 9	...	...	...	1 15	...	...	1	...	8	...	...	...	...	...	2	...	...	...	...	...	
Worsley ...	2685	3043		Under 5 5 upw'ds	...	6	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	1	...	...	...	...	...
Boothstown ...	1279	1420		Under 5 5 upw'ds	...	1	...	...	...	...	1	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...
Totals ...	11036	12953	313	Under 5 5 upw'ds	...	6 15	...	...	...	1 16	...	...	3	...	12	...	...	...	...	...	3	...	...	...	...	...	



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**Sanitary Inspector's**  
**Annual**  
**Report, 1898.**

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# Sanitary Inspector's Annual Report.

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INSPECTOR'S OFFICE,

HILTON LANE, WALKDEN,

*February, 1899.*

*To the Chairman and Members of the Worsley  
Urban District Council.*

GENTLEMEN,

I have pleasure in laying before you the following report for the year ending December 31st, 1898.

## TABLE No. 1.

No. of Houses visited and Sanitary particulars reported upon	148
,, Notices served for the abatement of nuisances ...	25
,, Notices by letter in lieu of formal notice ...	40
,, Drains opened and cleansed ...	24
,, Slopstone waste pipes repaired or renewed ...	18
,, Ashpits built up, covered in, or repaired ...	41
,, New closets and ashpits provided to old property ...	12
,, Smoke nuisances dealt with ...	2
,, Other nuisances dealt with ...	51
Total nuisances abated ...	148

## SCAVENGING.

The work of emptying ashpits and removal of nightsoil and house refuse has received very careful attention during the year. The new Sanitary carts which have been provided by the Council are a great improvement over the ordinary carts, and are much appreciated by the contractors.

New contracts have been entered into at a reduced cost. The following figures shew the reduced cost of this work during the existence of the Council :—

1898	No. of Houses.	Population.	Amount.
Walkden (Sec. 1)	1544	7720	£157 0 0
„ „ 2	539	2695	69 0 0
Boothstown	311	1555	50 0 0
Worsley Village	186	930	37 0 0
	<hr/> 2580	<hr/> 12900	<hr/> £313 0 0
1895	No. of Houses.	Population.	Amount.
Walkden	1897	9485	265 0 0
Boothstown	294	1470	60 0 0
Worsley Village	184	920	52 0 0
	<hr/> 2375	<hr/> 11875	<hr/> £377 0 0

It will be seen that although the number of houses on lists have increased by 205 since 1895, the cost of this work has decreased by £64, or 17% of total amount of contract. The continued improvement in the construction of ash pits and the provision of Sanitary carts largely accounts for the decreased cost of this work.

#### WATER SUPPLY.

The district is supplied by the Manchester and Bolton Corporation. The Council have still a deficiency of a guarantee to pay for the extensions to Moss Lane cottages, Boothstown, and Ashtonfield Street, Walkden.

#### SLAUGHTER HOUSES.

Eleven licences were renewed during the year, as against 10 during the preceding year. One license was granted for new slaughter house at Bolton Road, Walkden.

These premises are maintained in good condition.

#### DAIRIES AND COWSHEDS.

The number of Dairies and Cowsheds is 37. These premises have been inspected, and generally found in good condition.

The draft regulations made by the Council have not yet received the sanction of the Local Government Board, but it is hoped that during the year 1899 sanction may be obtained and the regulations put in force.

## CANAL BOATS' ACT 1877-1884.

The inspections of Canal Boats have been made at Worsley and Boothstown.

The following table gives the number of Boats inspected, the registration district to which they belong, and the number of persons occupying the Boats.

TABLE No. II.

Registration Authority.	No. of Times Inspected.				Total.		No. of Occupiers of Boats.			
	Once.	Twice.	Thrice.	Four	Boats.	Inspections,	Males	Females	Children	Total
Manchester	19	2	...	1	22	27	33	8	5	46
Runcorn ...	43	2	...	...	45	47	45	36	40	121
Leigh ...	2	...	...	...	2	2	2	3	...	5
Wigan ...	2	...	...	...	2	2	1	1	6	8
Winsford ...	1	...	...	...	1	1	2	2	...	4
Daventry ...	2	2	...	...	4	6	8	2	...	10
Stoke ...	1	...	...	...	1	1	1	...	...	1
Totals ...	70	6	...	1	77	86	92	52	51	195

The number of children occupying (51 in 57 Boats) is slightly lower than was the case in 1897, of these 28 were of school age, and 23 under 5 years.

Fifteen infringements of the Acts and Regulations have come under notice, as follows:—

Ten boats requiring renewal of paint to cabins.

Four dilapidated cabins, and one Boat working without Certificate of Registration.

In a few cases the dirty condition of cabins was brought before the notice of the masters.

Twelve complaint notes were served on the owners of the Boats and complied with; the remaining infringements were remedied without service of notice.

No legal proceedings were taken.



Enquiries were made at each inspection as to the health of the persons occupying the Boats, but no cases of sickness or infectious disease came before my notice.

#### INFECTIOUS DISEASES NOTIFICATION ACT, 1889.

The number of cases reported by medical attendants during the year was 53 in 47 houses, as against 48 cases in 47 houses in the preceding year.

Table No. 3 gives the locality where the diseases occurred, and Table No 4 gives the number of cases reported during each month of the year.

Three cases were removed to Hospital, and the bedding disinfected by heat, and in two cases compensation was paid for bedding destroyed.

Each case has been visited, the milk and water supply, school attendance and occupation have been enquired into, and isolation insisted upon, all existing sanitary defects were noted and rectified.

Disinfectants have been freely supplied, and rooms fumigated at the expiration of the sickness.

TABLE No. III.

Locality where Diseases occurred

Nature of Disease.	Walkden.	Boothstown.	Lower Worsley.	Roe Green & Hazlehurst.	Total.
Scarlet Fever.	15	1	3	3	22
Diptheria ...	...	...	...	...	...
Croup ...	...	...	...	...	...
Typhoid Fever	16	1	...	...	17
Erysipelas ...	8	2	1	...	11
Puerperal Fever	1	2	...	...	3
Totals ...	40	6	4	3	53

TABLE IV.

Number of Cases reported in each month of the year.

Nature of Disease.	January	February	March	April	May	June	July	August	Sept'mb'r	October	November	December	Total
Scarlet Fever...	3	5	2	1	1	0	3	1	0	2	0	4	22
Diphtheria ...	...	..	...	...	...	...	...	...	...	...	...	...	0
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...	...	0
Typhoid Fever	1	2	3	1	1	1	0	2	1	0	4	1	17
Erysipelas ...	0	1	0	0	2	0	3	1	2	1	0	1	11
Puerperal Fever	...	...	...	...	2	...	...	...	...	...	1	...	3
Totals ...	4	8	5	2	6	1	6	4	3	3	5	6	53

#### PUBLIC LIGHTING.

The following improvements have been carried out during 1898 :—One large Ventilating and Lighting Lamp erected at the junction of Hilton Lane with Bridgewater Road.

- 1 Lamp Memorial Road, Walkden.
- 1 „ Marsden Street, „
- 1 „ Manchester Road, „
- 1 „ Gower Street, „
- 1 „ Wardley Street, „
- 1 Improved Lamp, Rosin Lane, Ellenbrook.

The total number of Public Lamps in the district is 428 ordinary and 16 large Waddington and Bray's Lamps.

The Lamps and Pillars have all been painted during the year.

I am, gentlemen,

Your obedient servant,

JAMES WILLCOCK,

Certified Sanitary Inspector.